

#6

|   |   |   |
|---|---|---|
| <p>FORM PTO-1449</p> <p><u>INFORMATION DISCLOSURE STATEMENT</u></p> | <p>ATTY. DOCKET NO.<br/>1909.0020002/JAG/CMB</p> <p>APPLICANT<br/>Carcagno <i>et al.</i></p> <p>FILING DATE<br/>May 3, 2001</p> | <p>APPLICATION NO.<br/>09/830,967</p> <p>GROUP<br/><i>To Be Assigned 1647</i></p> |
|---|---|---|

| U.S. PATENT DOCUMENTS |     |                 |            |                                 |       |           |             |
|-----------------------|-----|-----------------|------------|---------------------------------|-------|-----------|-------------|
| EXAMINER INITIAL      |     | DOCUMENT NUMBER | DATE       | NAME                            | CLASS | SUB-CLASS | FILING DATE |
| FH<br>↓               | AA1 | 4,667,016       | 05/19/1987 | Lai <i>et al.</i>               | 530   | 397       | 06/20/1985  |
|                       | AB1 | 4,667,195       | 06/30/1987 | Hewick <i>et al.</i>            | 530   | 397       | 01/11/1985  |
|                       | AC1 | 4,703,008       | 10/27/1987 | Lin                             | 435   | 240.2     | 11/30/1984  |
|                       | AD1 | 4,806,524       | 02/21/1989 | Kawaguchi <i>et al.</i>         | 514   | 8         | 10/03/1985  |
|                       | AE1 | 5,010,002       | 04/23/1991 | Levinson <i>et al.</i>          | 435   | 69.2      | 03/22/1990  |
|                       | AF1 | 5,547,933       | 08/20/1996 | Lin                             | 514   | 8         | 06/07/1995  |
|                       | AG1 | 5,618,698       | 04/08/1997 | Lin                             | 435   | 69.4      | 06/06/1995  |
|                       | AH1 | 5,688,679       | 11/18/1997 | Powell                          | 435   | 240.2     | 10/06/1993  |
|                       | AI1 | 5,756,349       | 05/26/1998 | Lin                             | 435   | 325       | 06/06/1995  |
|                       | AJ1 | 5,783,559       | 07/21/1998 | Florin-Robertsson <i>et al.</i> | 514   | 12        | 01/10/1994  |
|                       | AK1 |                 |            |                                 |       |           |             |

| FOREIGN PATENT DOCUMENTS |     |                 |            |          |       |           |             |
|--------------------------|-----|-----------------|------------|----------|-------|-----------|-------------|
| EXAMINER INITIAL         |     | DOCUMENT NUMBER | DATE       | COUNTRY  | CLASS | SUB-CLASS | TRANSLATION |
| FH<br>↓                  | AL1 | WO 86/03520     | 06/19/1986 | WIPO/PCT | X     | X         | Yes<br>No   |
|                          | AM1 | WO 98/00530     | 01/08/1998 | WIPO/PCT |       |           | Yes<br>No   |
|                          | AN1 | WO 00/27419     | 05/18/2000 | WIPO/PCT |       |           | Yes<br>No   |
|                          | AO1 | WO 00/27869     | 05/18/2000 | WIPO/PCT |       |           | Yes<br>No   |
|                          | AP1 | WO 00/27997     | 05/18/2000 | WIPO/PCT |       |           | Yes<br>No   |

| OTHER (Including Author, Title, Date, Pertinent Pages, etc.) |    |   |   |
|--|----|---|---|
| FH<br>↓  | AR | 1 | Andersen, D.C. and Goochee, C.F., "The effect of cell-culture conditions on the oligosaccharide structures of secreted glycoprotein," <i>Curr. Op. Biotech.</i> 5:546-549, Current Biology Ltd. (1994). |
|  | AS | 1 | Bondurant, M.C. and Koury, M.J., "Anemia Induces Accumulation of Erythropoietin mRNA in the Kidney and Liver," <i>Mol. Cell. Biol.</i> 6:2731-3, American Society for Microbiology (1986).              |
|  | AT | 1 | Borsook, H., <i>et al.</i> , "Polycythemic Response in Normal Adult Rats to a Nonprotein Plasma Extract from Anemic Rabbits," <i>Blood</i> 9:734-742, Grune and Stratton, Inc. (1954).                  |

|                            |                                |
|----------------------------|--------------------------------|
| EXAMINER <i>Bona Hamid</i> | DATE CONSIDERED <i>4/24/03</i> |
|----------------------------|--------------------------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

## INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
1909.0020002/JAG/CMBAPPLICATION NO.  
09/830,967APPLICANT  
Carcagno *et al.*FILING DATE  
May 3, 2001GROUP  
*To Be Assigned*

1647

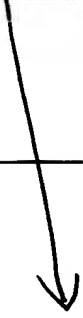
## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|---------------------|----|-----------------|------|------|-------|-----------|-------------|
|                     | AA |                 |      |      |       |           |             |
|                     | AB |                 |      |      |       |           |             |
|                     | AC |                 |      |      |       |           |             |
|                     | AD |                 |      |      |       |           |             |
|                     | AE |                 |      |      |       |           |             |
|                     | A2 |                 |      |      |       |           |             |
|                     | AG |                 |      |      |       |           |             |
|                     | AH |                 |      |      |       |           |             |
|                     | AI |                 |      |      |       |           |             |
|                     | AJ |                 |      |      |       |           |             |
|                     | AK |                 |      |      |       |           |             |

## FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL |     | DOCUMENT NUMBER | DATE       | COUNTRY  | CLASS        | SUB-CLASS    | TRANSLATION |
|---------------------|-----|-----------------|------------|----------|--------------|--------------|-------------|
| <i>FM</i>           | AL2 | WO 00/28066     | 05/18/2000 | WIPO/PCT | <del>X</del> | <del>X</del> | Yes<br>No   |
|                     | AM  |                 |            |          |              |              | Yes<br>No   |
|                     | AN  |                 |            |          |              |              | Yes<br>No   |
|                     | AO  |                 |            |          |              |              | Yes<br>No   |
|                     | AP  |                 |            |          |              |              | Yes<br>No   |

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

|   |    |   |   |
|---|----|---|---|
| <i>FM</i>   | AR | 2 | Bowie, J.U., <i>et al.</i> , "Deciphering the Message in Protein Sequences: Tolerance to Amino Acid Substitutions," <i>Science</i> 247:1306-1310, American Association for the Advancement of Science (1990).                                   |
|  | AS | 2 | Brown, P.R. and Krstulovic, A.M., "Practical Aspects of Reverse-Phase Liquid Chromatography Applied to Biochemical and Biomedical Research," <i>Anal. Biochem.</i> 99:1-21, Academic Press, Inc. (1979).  |
|   | AT | 2 | Burg, J., <i>et al.</i> , "Human erythropoietin recombinant production by fermentation and protein purification using a series of chromatographic steps," <i>Chem. Abstracts</i> 126:315 Abstract No. 57095j, American Chemical Society (1997). |

EXAMINER

*John H. [signature]*

DATE CONSIDERED

4/24/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

|  |  |                                     |
|--|--|-------------------------------------|
| FORM PTO-1449<br><u>INFORMATION DISCLOSURE STATEMENT</u> | ATTY. DOCKET NO.<br>1909.0020002/JAG/CMB | APPLICATION NO.<br>09/830,967       |
|  | APPLICANT<br>Carcagno <i>et al.</i>      |                                     |
|  | FILING DATE<br>May 3, 2001               | GROUP<br><i>To Be Assigned 1647</i> |

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|---------------------|----|-----------------|------|------|-------|-----------|-------------|
|                     | AA |                 |      |      |       |           |             |
|                     | AB |                 |      |      |       |           |             |
|                     | AC |                 |      |      |       |           |             |
|                     | AD |                 |      |      |       |           |             |
|                     | AE |                 |      |      |       |           |             |
|                     | AF |                 |      |      |       |           |             |
|                     | AG |                 |      |      |       |           |             |
|                     | AH |                 |      |      |       |           |             |
|                     | AI |                 |      |      |       |           |             |
|                     | AJ |                 |      |      |       |           |             |
|                     | AK |                 |      |      |       |           |             |

## FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|---------------------|----|-----------------|------|---------|-------|-----------|-------------|
|                     | AL |                 |      |         |       |           | Yes<br>No   |
|                     | AM |                 |      |         |       |           | Yes<br>No   |
|                     | AN |                 |      |         |       |           | Yes<br>No   |
|                     | AO |                 |      |         |       |           | Yes<br>No   |
|                     | AP |                 |      |         |       |           | Yes<br>No   |

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

|           |    |          |   |
|-----------|----|----------|---|
| <i>FH</i> | AR | <u>3</u> | Busuttil, R.W., <i>et al.</i> , "The Cytological Localization of Erythropietin in the Human Kidney Using the Fluorescent Antibody Technique," <i>Proc. Soc. Exp. Biol. Med.</i> 137:327-330, Academic Press, Inc. (1971). |
| <i>FH</i> | AS | <u>3</u> | Busuttil, R.W., <i>et al.</i> , "Localization of Erythropietin in the Glomerulus of the Hypoxic Dog Kidney Using a Fluorescent Antibody Technique," <i>Acta Haemat.</i> 47:238-242, S. Karger (1972).                     |
|           | AT | <u>3</u> | Carnot, M.P. and Deflandre, C., "Sur l'activité hémopietique 'du sérum au cours de la régénération du sang," <i>C.R. Acad. Sci.</i> 143:384-386, (1906).  |

|                              |                                   |
|------------------------------|-----------------------------------|
| EXAMINER<br><i>Fora Hamd</i> | DATE CONSIDERED<br><i>4/24/03</i> |
|------------------------------|-----------------------------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

|  |  |   |
|--|--|---|
| FORM PTO-1449<br><br><u>INFORMATION DISCLOSURE STATEMENT</u> | ATTY. DOCKET NO.<br>1909.0020002/JAG/CMB | APPLICATION NO.<br>09/830,967           |
|  | APPLICANT<br>Carcagno <i>et al.</i>      |   |
|  | FILING DATE<br>May 3, 2001               | GROUP<br><del>To Be Assigned</del> 1647 |

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|---------------------|-----------------|------|------|-------|-----------|-------------|
|                     | AA              |      |      |       |           |             |
|                     | AB              |      |      |       |           |             |
|                     | AC              |      |      |       |           |             |
|                     | AD              |      |      |       |           |             |
|                     | AE              |      |      |       |           |             |
|                     | A2              |      |      |       |           |             |
|                     | AG              |      |      |       |           |             |
|                     | AH              |      |      |       |           |             |
|                     | AI              |      |      |       |           |             |
|                     | AJ              |      |      |       |           |             |
|                     | AK              |      |      |       |           |             |

## FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|---------------------|-----------------|------|---------|-------|-----------|-------------|
|                     | AL              |      |         |       |           | Yes<br>No   |
|                     | AM              |      |         |       |           | Yes<br>No   |
|                     | AN              |      |         |       |           | Yes<br>No   |
|                     | AO              |      |         |       |           | Yes<br>No   |
|                     | AP              |      |         |       |           | Yes<br>No   |

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

|  |    |          |   |
|--|----|----------|---|
|  | AR | <u>4</u> | Carnot, M.P. and Deflandre, C., "Sur l'activité hémopoïétique des différents organes au cours de la régénération du sang," <i>C.R. Acad. Sci.</i> 143:432-435 (1906).   |
|  | AS | <u>4</u> | Carnot, M.P., "Sur le Mécanisme de L'hyperglobulie Provoquée par le Sérum D'animaux en Rénovation Sanguine," <i>C.R.H. Sean. Mem. Soc. Biol.</i> 111:344-346, Libraires de L'Académie de Médecine (1906).         |
|  | AT | <u>4</u> | Carnot, M.P., "Sur L'activité Cytopoïétique du Sang et des Organes Régénérés au Cours des Régénérations Viscérales," <i>C.R.H. Sean. Mem. Soc. Biol.</i> 111:463-465, Libraires de L'Académie de Médecine (1906). |

|          |                 |
|----------|-----------------|
| EXAMINER | DATE CONSIDERED |
|----------|-----------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449  
INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
 1909.0020002/JAG/CMB

APPLICATION NO.  
 09/830,967

APPLICANT  
 Carcagno *et al.*

FILING DATE  
 May 3, 2001

GROUP  
~~To Be Assigned~~ 1647

U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|---------------------|----|-----------------|------|------|-------|-----------|-------------|
|                     | AA |                 |      |      |       |           |             |
|                     | AB |                 |      |      |       |           |             |
|                     | AC |                 |      |      |       |           |             |
|                     | AD |                 |      |      |       |           |             |
|                     | AE |                 |      |      |       |           |             |
|                     | AF |                 |      |      |       |           |             |
|                     | AG |                 |      |      |       |           |             |
|                     | AH |                 |      |      |       |           |             |
|                     | AI |                 |      |      |       |           |             |
|                     | AJ |                 |      |      |       |           |             |
|                     | AK |                 |      |      |       |           |             |

FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|---------------------|----|-----------------|------|---------|-------|-----------|-------------|
|                     | AL |                 |      |         |       |           | Yes<br>No   |
|                     | AM |                 |      |         |       |           | Yes<br>No   |
|                     | AN |                 |      |         |       |           | Yes<br>No   |
|                     | AO |                 |      |         |       |           | Yes<br>No   |
|                     | AP |                 |      |         |       |           | Yes<br>No   |

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

|     |    |   |   |
|-----|----|---|---|
| Fix | AR | 5 | Caro, J. and Erslev, A.J., "Biologic and immunologic erythropoietin in extracts from hypoxic whole rat kidneys and in their glomerular and tubular fractions," <i>J. Lab. Clin. Med</i> 103:922-931, C.V. Mosby Company (1984). |
|     | AS | 5 | Caro, J., <i>et al.</i> , "Erythropoietin Production by an Established Kidney Proximal Tubule Cell Line (LLCPK <sub>1</sub> )," <i>Exp. Hematol</i> 12:357, Springer-Verlag (1984).   |
| ↓   | AT | 5 | Caro, J., <i>et al.</i> , "Erythropoietin in liver tissue extracts and in liver perfusates from hypoxic rats," <i>Am. J. Physiol.</i> 244:E431-E434, American Physiological Society (1983).                                     |

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

## INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
1909.0020002/JAG/CMBAPPLICATION NO.  
09/830,967APPLICANT  
Carcagno *et al.*FILING DATE  
May 3, 2001GROUP  
~~To Be Assigned~~ 1647

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|---------------------|----|-----------------|------|------|-------|-----------|-------------|
|                     | AA |                 |      |      |       |           |             |
|                     | AB |                 |      |      |       |           |             |
|                     | AC |                 |      |      |       |           |             |
|                     | AD |                 |      |      |       |           |             |
|                     | AE |                 |      |      |       |           |             |
|                     | A2 |                 |      |      |       |           |             |
|                     | AG |                 |      |      |       |           |             |
|                     | AH |                 |      |      |       |           |             |
|                     | AI |                 |      |      |       |           |             |
|                     | AJ |                 |      |      |       |           |             |
|                     | AK |                 |      |      |       |           |             |

## FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|---------------------|----|-----------------|------|---------|-------|-----------|-------------|
|                     | AL |                 |      |         |       |           | Yes<br>No   |
|                     | AM |                 |      |         |       |           | Yes<br>No   |
|                     | AN |                 |      |         |       |           | Yes<br>No   |
|                     | AO |                 |      |         |       |           | Yes<br>No   |
|                     | AP |                 |      |         |       |           | Yes<br>No   |

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

|              |    |   |  |
|--------------|----|---|--|
| F4<br>↓<br>Y | AR | 6 | Dinkelaar, R.B., <i>et al.</i> , "Metabolic Studies on Erythropoietin (Ep): II. The Role of Liver and Kidney in the Metabolism of Ep," <i>Exp. Hematol.</i> 9:796-803, Allen Press, Inc. (1981).             |
|              | AS | 6 | Dornfest, B.S., <i>et al.</i> , "Hepatic production of erythropoietin in a phenylhydrazine-induced compensated hemolytic state in the rat," <i>J. Lab. Clin. Med.</i> 102:274-85, C.V. Mosby Company (1983). |
|              | AT | 6 | Dornfest, B.S., <i>et al.</i> , "Recovery of an Erythropoietic Inducing Factor from the Regenerating Rat Liver," <i>Ann. Clin. Lab. Sci.</i> 11:37-46, Institute for Clinical Science (1981).                |

EXAMINER

F4  
↓  
Y

DATE CONSIDERED

4/24/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

|   |  |                               |
|---|--|-------------------------------|
| FORM PTO-1449<br>INFORMATION DISCLOSURE STATEMENT | ATTY. DOCKET NO.<br>1909.0020002/JAG/CMB | APPLICATION NO.<br>09/830,967 |
|   | APPLICANT<br>Carcagno <i>et al.</i>      |                               |
|   | FILING DATE<br>May 3, 2001               | GROUP<br>To Be Assigned 1647  |

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|---------------------|----|-----------------|------|------|-------|-----------|-------------|
|                     | AA |                 |      |      |       |           |             |
|                     | AB |                 |      |      |       |           |             |
|                     | AC |                 |      |      |       |           |             |
|                     | AD |                 |      |      |       |           |             |
|                     | AE |                 |      |      |       |           |             |
|                     | AF |                 |      |      |       |           |             |
|                     | AG |                 |      |      |       |           |             |
|                     | AH |                 |      |      |       |           |             |
|                     | AI |                 |      |      |       |           |             |
|                     | AJ |                 |      |      |       |           |             |
|                     | AK |                 |      |      |       |           |             |

## FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|---------------------|----|-----------------|------|---------|-------|-----------|-------------|
|                     | AL |                 |      |         |       |           | Yes<br>No   |
|                     | AM |                 |      |         |       |           | Yes<br>No   |
|                     | AN |                 |      |         |       |           | Yes<br>No   |
|                     | AO |                 |      |         |       |           | Yes<br>No   |
|                     | AP |                 |      |         |       |           | Yes<br>No   |

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

|        |    |   |   |
|--------|----|---|---|
| FH<br> | AR | Z | Erslev, A., "Humoral Regulation of Red Cell Production," <i>Blood</i> 8:349-357, Grune and Stratton, Inc. (1953).   |
|        | AS | Z | Erslev, A.J., "In Vitro Production of Erythropoietin by Kidneys Perfused With a Serum-free Solution," <i>Blood</i> 44:77-85, Grune and Stratton, Inc. (1974). |
|        | AT | Z | Erslev, A.J. and Caro, J., "Physiologic and Molecular Biology of Erythropoietin," <i>Med. Oncol. Tumor Pharmacother.</i> 3:159-164, Pergamon Press (1986).    |

|              |                            |
|--------------|----------------------------|
| EXAMINER<br> | DATE CONSIDERED<br>4/24/03 |
|--------------|----------------------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

## INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
1909.0020002/JAG/CMBAPPLICATION NO.  
09/830,967APPLICANT  
Carcagno *et al.*FILING DATE  
May 3, 2001GROUP  
*To Be Assigned* 1647

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|---------------------|----|-----------------|------|------|-------|-----------|-------------|
|                     | AA |                 |      |      |       |           |             |
|                     | AB |                 |      |      |       |           |             |
|                     | AC |                 |      |      |       |           |             |
|                     | AD |                 |      |      |       |           |             |
|                     | AE |                 |      |      |       |           |             |
|                     | A2 |                 |      |      |       |           |             |
|                     | AG |                 |      |      |       |           |             |
|                     | AH |                 |      |      |       |           |             |
|                     | AI |                 |      |      |       |           |             |
|                     | AJ |                 |      |      |       |           |             |
|                     | AK |                 |      |      |       |           |             |

## FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|---------------------|----|-----------------|------|---------|-------|-----------|-------------|
|                     | AL |                 |      |         |       |           | Yes<br>No   |
|                     | AM |                 |      |         |       |           | Yes<br>No   |
|                     | AN |                 |      |         |       |           | Yes<br>No   |
|                     | AO |                 |      |         |       |           | Yes<br>No   |
|                     | AP |                 |      |         |       |           | Yes<br>No   |

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

|         |    |   |   |
|---------|----|---|---|
| FH<br>↓ | AR | 8 | Eschbach, J.W., <i>et al.</i> , "Correction of the Anemia of End-Stage Renal Disease with Recombinant Human Erythropoietin," <i>New Eng. J. Med.</i> 316:73-78, Massachusetts Medical Society (1987). |
|         | AS | 8 | Fisher, J.W. and Birdwell, B.J., "The Production of an Erythropoietic Factor by the In Situ Perfused Kidney," <i>Acta. Haemat.</i> 26:224-232, S. Karger (1961).                                      |
|         | AT | 8 | Fisher, J.W., <i>et al.</i> , "Localization of Erythropoietin in Glomeruli of Sheep Kidney by Fluorescent Antibody Technique," <i>Nature</i> 205:611-612, Macmillan Magazines Ltd. (1965).            |

EXAMINER

*from H and*

DATE CONSIDERED

4/24/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



|   |  |   |
|---|--|---|
| FORM PTO-1449<br>INFORMATION DISCLOSURE STATEMENT | ATTY. DOCKET NO.<br>1909.0020002/JAG/CMB | APPLICATION NO.<br>09/830,967           |
|   | APPLICANT<br>Carcagno <i>et al.</i>      |   |
|   | FILING DATE<br>May 3, 2001               | GROUP<br><del>To Be Assigned</del> 1647 |

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|---------------------|----|-----------------|------|------|-------|-----------|-------------|
|                     | AA |                 |      |      |       |           |             |
|                     | AB |                 |      |      |       |           |             |
|                     | AC |                 |      |      |       |           |             |
|                     | AD |                 |      |      |       |           |             |
|                     | AE |                 |      |      |       |           |             |
|                     | AF |                 |      |      |       |           |             |
|                     | AG |                 |      |      |       |           |             |
|                     | AH |                 |      |      |       |           |             |
|                     | AI |                 |      |      |       |           |             |
|                     | AJ |                 |      |      |       |           |             |
|                     | AK |                 |      |      |       |           |             |

## FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|---------------------|----|-----------------|------|---------|-------|-----------|-------------|
|                     | AL |                 |      |         |       |           | Yes<br>No   |
|                     | AM |                 |      |         |       |           | Yes<br>No   |
|                     | AN |                 |      |         |       |           | Yes<br>No   |
|                     | AO |                 |      |         |       |           | Yes<br>No   |
|                     | AP |                 |      |         |       |           | Yes<br>No   |

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

|    |    |   |  |
|----|----|---|--|
| FH | AR | 2 | Fisher, J.W., "Pharmacologic Modulation of Erythropoietin Production," <i>Ann. Rev. Pharmacol. Toxicol.</i> 28:101-122, Annual Reviews, Inc. (1988).                               |
|    | AS | 2 | Frenkel, E.P., <i>et al.</i> , "Some Observations on the Localization of Erythropoietin," <i>Ann. N.Y. Acad. Sci.</i> 149:292-293, New York Academy of Sciences (1968).            |
|    | AT | 2 | Gordon, A.S., <i>et al.</i> , "A Plasma Extract with Erythropoietic Activity," <i>Proc. Soc. Exp. Biol. Med.</i> 86:255-258, Society for Experimental Biology and Medicine (1954). |

|                                  |                            |
|----------------------------------|----------------------------|
| EXAMINER<br><i>Fora H. Smith</i> | DATE CONSIDERED<br>4/24/03 |
|----------------------------------|----------------------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

|  |  |                               |
|--|--|-------------------------------|
| FORM PTO-1449<br><u>INFORMATION DISCLOSURE STATEMENT</u> | ATTY. DOCKET NO.<br>1909.0020002/JAG/CMB | APPLICATION NO.<br>09/830,967 |
|  | APPLICANT<br>Carcagno <i>et al.</i>      |                               |
|  | FILING DATE<br>May 3, 2001               | GROUP<br>To Be Assigned       |


## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|---------------------|----|-----------------|------|------|-------|-----------|-------------|
|                     | AA |                 |      |      |       |           |             |
|                     | AB |                 |      |      |       |           |             |
|                     | AC |                 |      |      |       |           |             |
|                     | AD |                 |      |      |       |           |             |
|                     | AE |                 |      |      |       |           |             |
|                     | A2 |                 |      |      |       |           |             |
|                     | AG |                 |      |      |       |           |             |
|                     | AH |                 |      |      |       |           |             |
|                     | AI |                 |      |      |       |           |             |
|                     | AJ |                 |      |      |       |           |             |
|                     | AK |                 |      |      |       |           |             |

## FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|---------------------|----|-----------------|------|---------|-------|-----------|-------------|
|                     | AL |                 |      |         |       |           | Yes<br>No   |
|                     | AM |                 |      |         |       |           | Yes<br>No   |
|                     | AN |                 |      |         |       |           | Yes<br>No   |
|                     | AO |                 |      |         |       |           | Yes<br>No   |
|                     | AP |                 |      |         |       |           | Yes<br>No   |

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

|   |    |           |  |
|---|----|-----------|--|
| FH<br> | AR | <u>10</u> | Han, F., <i>et al.</i> , "Cloning of a human erythropoietin cDNA and its expression in COS-7 cells," <i>Chem. Abstracts</i> Abstract No. 511352 (1996).                      |
|   | AS | <u>10</u> | Hodgson, G. and Tohá, J., "The Erythropoietic Effect of Urine and Plasma of Repeatedly Bled Rabbits," <i>Blood</i> 9:299-309, Grune and Stratton, Inc. (1954).               |
|   | AT | <u>10</u> | Jacobs, K., <i>et al.</i> , "Isolation and characterization of genomic and cDNA clones of human erythropoietin," <i>Nature</i> 313:806-810, Macmillan Magazines Ltd. (1985). |

|  |                            |
|--|----------------------------|
| EXAMINER<br><i>For Hamud</i>   | DATE CONSIDERED<br>4/24/03 |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant. |                            |

FORM PTO-1449

## INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
1909.0020002/JAG/CMBAPPLICATION NO.  
09/830,967APPLICANT  
Carcagno *et al.*FILING DATE  
May 3, 2001GROUP  
~~To Be Assigned~~ 1647

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|---------------------|----|-----------------|------|------|-------|-----------|-------------|
|                     | AA |                 |      |      |       |           |             |
|                     | AB |                 |      |      |       |           |             |
|                     | AC |                 |      |      |       |           |             |
|                     | AD |                 |      |      |       |           |             |
|                     | AE |                 |      |      |       |           |             |
|                     | AF |                 |      |      |       |           |             |
|                     | AG |                 |      |      |       |           |             |
|                     | AH |                 |      |      |       |           |             |
|                     | AI |                 |      |      |       |           |             |
|                     | AJ |                 |      |      |       |           |             |
|                     | AK |                 |      |      |       |           |             |

## FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|---------------------|----|-----------------|------|---------|-------|-----------|-------------|
|                     | AL |                 |      |         |       |           | Yes<br>No   |
|                     | AM |                 |      |         |       |           | Yes<br>No   |
|                     | AN |                 |      |         |       |           | Yes<br>No   |
|                     | AO |                 |      |         |       |           | Yes<br>No   |
|                     | AP |                 |      |         |       |           | Yes<br>No   |

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

|          |    |    |  |
|----------|----|----|--|
| F14<br>↓ | AR | 11 | Jacobson, L.O., <i>et al.</i> , "Role of the Kidney in Erythropoiesis," <i>Nature</i> 179:633-634, Macmillan Magazines Ltd. (1957).  |
|          | AS | 11 | Jelkmann, W., <i>et al.</i> , "Extraction of Erythropoietin from Isolated Renal Glomeruli of Hypoxic Rats," <i>Exp. Hematol.</i> 11:581-588, Allen Press, Inc. (1983).               |
|          | AT | 11 | Jixian, D., <i>et al.</i> , "Study on a serum-free medium used for production of rHuEPO," <i>Bull. Acad. Mil. Med. Sci.</i> 21:244-246, Academy of Military Medical Sciences (1997). |

EXAMINER

Bren Hand

DATE CONSIDERED

4/24/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.  
1909.0020002/JAG/CMBAPPLICATION NO.  
09/830,967APPLICANT  
Carcagno *et al.*FILING DATE  
May 3, 2001GROUP  
~~To Be Assigned~~

VbWJ

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|---------------------|----|-----------------|------|------|-------|-----------|-------------|
|                     | AA |                 |      |      |       |           |             |
|                     | AB |                 |      |      |       |           |             |
|                     | AC |                 |      |      |       |           |             |
|                     | AD |                 |      |      |       |           |             |
|                     | AE |                 |      |      |       |           |             |
|                     | A2 |                 |      |      |       |           |             |
|                     | AG |                 |      |      |       |           |             |
|                     | AH |                 |      |      |       |           |             |
|                     | AI |                 |      |      |       |           |             |
|                     | AJ |                 |      |      |       |           |             |
|                     | AK |                 |      |      |       |           |             |

## FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|---------------------|----|-----------------|------|---------|-------|-----------|-------------|
|                     | AL |                 |      |         |       |           | Yes<br>No   |
|                     | AM |                 |      |         |       |           | Yes<br>No   |
|                     | AN |                 |      |         |       |           | Yes<br>No   |
|                     | AO |                 |      |         |       |           | Yes<br>No   |
|                     | AP |                 |      |         |       |           | Yes<br>No   |

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

|          |    |           |  |
|----------|----|-----------|--|
| F14<br>↓ | AR | <u>12</u> | Kazal, L.A. and Erslev, A.J., "Erythropoietin Production in Renal Tumors," <i>Ann. Clin. Lab. Sci.</i> 5:98-109, Institute for Clinical Science (1975).                                |
|          | AS | <u>12</u> | Krane, N.K., "The Role of Erythropoietin in the Anemia of Chronic Renal Failure," <i>H. Ford Hosp. Med. J.</i> 31:177-181, Henry Ford Hospital (1983).                                 |
|          | AT | <u>12</u> | Koury, S.T., <i>et al.</i> , "Localization of Erythropoietin Synthesizing Cells in Murine Kidneys by In Situ Hybridization," <i>Blood</i> 71:524-527, Grune and Stratton, Inc. (1988). |

EXAMINER

Bora Hamed

DATE CONSIDERED

4/24/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

## INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
1909.0020002/JAG/CMBAPPLICATION NO.  
09/830,967APPLICANT  
Carcagno *et al.*FILING DATE  
May 3, 2001GROUP  
~~To Be Assigned~~ 1647

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|---------------------|----|-----------------|------|------|-------|-----------|-------------|
|                     | AA |                 |      |      |       |           |             |
|                     | AB |                 |      |      |       |           |             |
|                     | AC |                 |      |      |       |           |             |
|                     | AD |                 |      |      |       |           |             |
|                     | AE |                 |      |      |       |           |             |
|                     | AF |                 |      |      |       |           |             |
|                     | AG |                 |      |      |       |           |             |
|                     | AH |                 |      |      |       |           |             |
|                     | AI |                 |      |      |       |           |             |
|                     | AJ |                 |      |      |       |           |             |
|                     | AK |                 |      |      |       |           |             |

## FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|---------------------|----|-----------------|------|---------|-------|-----------|-------------|
|                     | AL |                 |      |         |       |           | Yes<br>No   |
|                     | AM |                 |      |         |       |           | Yes<br>No   |
|                     | AN |                 |      |         |       |           | Yes<br>No   |
|                     | AO |                 |      |         |       |           | Yes<br>No   |
|                     | AP |                 |      |         |       |           | Yes<br>No   |

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

|         |    |    |  |
|---------|----|----|--|
| FH<br>↓ | AR | 13 | Koury, S.T., <i>et al.</i> , "Quantitation of Erythropoietin-Producing Cells in Kidneys of Mice by In Situ Hybridization: Correlation With Hematocrit, Renal Erythropoietin mRNA, and Serum Erythropoietin Concentration," <i>Blood</i> 74:645-651, Grune and Stratton, Inc. (1989). |
|         | AS | 13 | Kuratowska, Z., <i>et al.</i> , "Studies on the Production of Erythropoietin by Isolated Perfused Organs," <i>Blood</i> 18:527-534, Grune and Stratton, Inc. (1961).   |
|         | AT | 13 | Kurtz, A., <i>et al.</i> , "Renal mesangial cell cultures as a model for study of erythropoietin production," <i>Proc. Natl. Acad. Sci. USA</i> 80:4008-4011, National Academy of Sciences (1983).   |

EXAMINER

Bona Hand

DATE CONSIDERED

4/24/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

## INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
1909.0020002/JAG/CMBAPPLICATION NO.  
09/830,967APPLICANT  
Carcagno *et al.*FILING DATE  
May 3, 2001GROUP  
To Be Assigned

1647

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|---------------------|----|-----------------|------|------|-------|-----------|-------------|
|                     | AA |                 |      |      |       |           |             |
|                     | AB |                 |      |      |       |           |             |
|                     | AC |                 |      |      |       |           |             |
|                     | AD |                 |      |      |       |           |             |
|                     | AE |                 |      |      |       |           |             |
|                     | A2 |                 |      |      |       |           |             |
|                     | AG |                 |      |      |       |           |             |
|                     | AH |                 |      |      |       |           |             |
|                     | AI |                 |      |      |       |           |             |
|                     | AJ |                 |      |      |       |           |             |
|                     | AK |                 |      |      |       |           |             |

## FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|---------------------|----|-----------------|------|---------|-------|-----------|-------------|
|                     | AL |                 |      |         |       |           | Yes<br>No   |
|                     | AM |                 |      |         |       |           | Yes<br>No   |
|                     | AN |                 |      |         |       |           | Yes<br>No   |
|                     | AO |                 |      |         |       |           | Yes<br>No   |
|                     | AP |                 |      |         |       |           | Yes<br>No   |

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

|    |    |    |  |
|----|----|----|--|
| FA | AR | 14 | Lacombe, C., <i>et al.</i> , "Peritubular Cells Are the Site of Erythropoietin Synthesis in the Murine Hypoxic Kidney," <i>J. Clin. Invest.</i> 81:620-623, Rockefeller University Press (1988).             |
| I  | AS | 14 | Liu, P., <i>et al.</i> , "Hepatic Erythropoietin (Ep) Production Following Double Partial Hepatectomy in the Rat," <i>J. Surg. Oncol.</i> 15:121-132, Alan R. Liss, Inc. (1980).                             |
| ↓  | AT | 14 | Naughton, B.A., <i>et al.</i> , "Reticuloendothelial System (RES) Hyperfunction and Erythropoietin (Ep) Production in the Regenerating Liver," <i>J. Surg. Oncol.</i> 12:227-242, Alan R. Liss, Inc. (1979). |

EXAMINER

Pona Hm

DATE CONSIDERED

4/24/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

## INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
1909.0020002/JAG/CMBAPPLICATION NO.  
09/830,967APPLICANT  
Carcagno *et al.*FILING DATE  
May 3, 2001GROUP  
To Be Assigned

1647

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|---------------------|----|-----------------|------|------|-------|-----------|-------------|
|                     | AA |                 |      |      |       |           |             |
|                     | AB |                 |      |      |       |           |             |
|                     | AC |                 |      |      |       |           |             |
|                     | AD |                 |      |      |       |           |             |
|                     | AE |                 |      |      |       |           |             |
|                     | AF |                 |      |      |       |           |             |
|                     | AG |                 |      |      |       |           |             |
|                     | AH |                 |      |      |       |           |             |
|                     | AI |                 |      |      |       |           |             |
|                     | AJ |                 |      |      |       |           |             |
|                     | AK |                 |      |      |       |           |             |

## FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|---------------------|----|-----------------|------|---------|-------|-----------|-------------|
|                     | AL |                 |      |         |       |           | Yes<br>No   |
|                     | AM |                 |      |         |       |           | Yes<br>No   |
|                     | AN |                 |      |         |       |           | Yes<br>No   |
|                     | AO |                 |      |         |       |           | Yes<br>No   |
|                     | AP |                 |      |         |       |           | Yes<br>No   |

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

|         |    |    |   |
|---------|----|----|---|
| FH<br>↓ | AR | 15 | Naughton, B.A., <i>et al.</i> , "Evidence for a Hepatic-Renal Antagonism in the Production of Hepatic Erythropoietin," <i>Ann. Clin. Lab. Sci.</i> 13:432-438, Institute for Clinical Science (1983).                                   |
|         | AS | 15 | Parsons, T.F., <i>et al.</i> , "Rapid and Easy Separation of the Subunits of Bovine and Human Glycoprotein Hormones by Use of High Performance Liquid Chromatography," <i>Endocrinology</i> 114: 2223-2227, J.B. Lippincott Co. (1984). |
|         | AT | 15 | Reisman, K.R., "Studies on the Mechanism of Erythropoietic Stimulation in Parabiologic Rats During Hypoxia," <i>Blood</i> 5:372-380, Grune and Stratton, Inc. (1950).   |

EXAMINER

Fona Hamed

DATE CONSIDERED

4/24/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.  
1909.0020002/JAG/CMBAPPLICATION NO.  
09/830,967APPLICANT  
Carcagno *et al.*FILING DATE  
May 3, 2001GROUP  
~~To Be Assigned~~

1647

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|---------------------|----|-----------------|------|------|-------|-----------|-------------|
|                     | AA |                 |      |      |       |           |             |
|                     | AB |                 |      |      |       |           |             |
|                     | AC |                 |      |      |       |           |             |
|                     | AD |                 |      |      |       |           |             |
|                     | AE |                 |      |      |       |           |             |
|                     | A2 |                 |      |      |       |           |             |
|                     | AG |                 |      |      |       |           |             |
|                     | AH |                 |      |      |       |           |             |
|                     | AI |                 |      |      |       |           |             |
|                     | AJ |                 |      |      |       |           |             |
|                     | AK |                 |      |      |       |           |             |

## FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|---------------------|----|-----------------|------|---------|-------|-----------|-------------|
|                     | AL |                 |      |         |       |           | Yes<br>No   |
|                     | AM |                 |      |         |       |           | Yes<br>No   |
|                     | AN |                 |      |         |       |           | Yes<br>No   |
|                     | AO |                 |      |         |       |           | Yes<br>No   |
|                     | AP |                 |      |         |       |           | Yes<br>No   |

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

|          |    |    |  |
|----------|----|----|--|
| Fit<br>↓ | AR | 16 | Schuster, J.H., <i>et al.</i> , "Physiologic Regulation and Tissue Localization of Renal Erythropoietin Messenger RNA," <i>Blood</i> 70:316-318, Grune and Stratton, Inc.(1987).   |
|          | AS | 16 | Sherwood, J.B., <i>et al.</i> , "Erythropoietin Production by Human Renal Carcinoma Cells in Culture," <i>Endocrinology</i> 99:504-510, J.B. Lippincott Co. (1976).  |
|          | AT | 16 | Takagaki, Y., <i>et al.</i> , "Amino Acid Sequence of the Membranous Segment of Rabbit Liver Cytochrome <i>b<sub>5</sub></i> ," <i>J. Biol. Chem.</i> 255:1536-1541, American Society of Biological Chemists, Inc. (1980). |

EXAMINER

Rona H. [Signature]

DATE CONSIDERED

4/24/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



|   |  |  |  |  |  |   |  |
|---|--|--|--|--|--|---|--|
| FORM PTO-1449<br><br>INFORMATION DISCLOSURE STATEMENT |  |  |  | ATTY. DOCKET NO.<br>1909.0020002/JAG/CMB |  | APPLICATION NO.<br>09/830,967                                   |  |
|   |  |  |  | APPLICANT<br>Carcagno <i>et al.</i>      |  |   |  |
|   |  |  |  | FILING DATE<br>May 3, 2001               |  | GROUP<br>To Be Assigned <span style="float: right;">1847</span> |  |

| U.S. PATENT DOCUMENTS |    |                 |      |      |       |           |             |
|-----------------------|----|-----------------|------|------|-------|-----------|-------------|
| EXAMINER<br>INITIAL   |    | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|                       | AA |                 |      |      |       |           |             |
|                       | AB |                 |      |      |       |           |             |
|                       | AC |                 |      |      |       |           |             |
|                       | AD |                 |      |      |       |           |             |
|                       | AE |                 |      |      |       |           |             |
|                       | AF |                 |      |      |       |           |             |
|                       | AG |                 |      |      |       |           |             |
|                       | AH |                 |      |      |       |           |             |
|                       | AI |                 |      |      |       |           |             |
|                       | AJ |                 |      |      |       |           |             |
|                       | AK |                 |      |      |       |           |             |

| FOREIGN PATENT DOCUMENTS |    |                 |      |         |       |           |             |
|--------------------------|----|-----------------|------|---------|-------|-----------|-------------|
| EXAMINER<br>INITIAL      |    | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|                          | AL |                 |      |         |       |           | Yes<br>No   |
|                          | AM |                 |      |         |       |           | Yes<br>No   |
|                          | AN |                 |      |         |       |           | Yes<br>No   |
|                          | AO |                 |      |         |       |           | Yes<br>No   |
|                          | AP |                 |      |         |       |           | Yes<br>No   |

| OTHER (Including Author, Title, Date, Pertinent Pages, etc.) |    |    |  |
|--|----|----|--|
| FLA  | AR | 17 | Werber, M.M., <i>et al.</i> , "Preliminary purification of two human blood cell hormones by hydrophobic interaction chromatography," <i>Chem. Abstracts</i> 100:77 Abstract No. 203779s, American Chemical Society (1984). |
| ↓  | AS | 17 | Pending Non-Provisional United States Patent Application No. 09/830,964, Carcagno <i>et al.</i> , filed May 3, 2001.   |
| ↓  | AT | 17 | Pending Non-Provisional United States Patent Application No. 09/830,968, Carcagno <i>et al.</i> , filed May 3, 2001.   |

|   |  |
|---|--|
| EXAMINER <span style="float: right;">Gunn H. and</span> | DATE CONSIDERED <span style="float: right;">4/24/03</span> |
|---|--|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

|   |  |  |  |  |  |   |  |
|---|--|--|--|--|--|---|--|
| FORM PTO-1449<br>INFORMATION DISCLOSURE STATEMENT |  |  |  | ATTY. DOCKET NO.<br>1909.0020002/JAG/CMB |  | APPLICATION NO.<br>09/830,967                                   |  |
|   |  |  |  | APPLICANT<br>Carcagno <i>et al.</i>      |  |   |  |
|   |  |  |  | FILING DATE<br>May 3, 2001               |  | GROUP<br>To Be Assigned <span style="float: right;">1647</span> |  |

| U.S. PATENT DOCUMENTS |    |                 |      |      |       |           |             |
|-----------------------|----|-----------------|------|------|-------|-----------|-------------|
| EXAMINER<br>INITIAL   |    | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|                       | AA |                 |      |      |       |           |             |
|                       | AB |                 |      |      |       |           |             |
|                       | AC |                 |      |      |       |           |             |
|                       | AD |                 |      |      |       |           |             |
|                       | AE |                 |      |      |       |           |             |
|                       | AF |                 |      |      |       |           |             |
|                       | AG |                 |      |      |       |           |             |
|                       | AH |                 |      |      |       |           |             |
|                       | AI |                 |      |      |       |           |             |
|                       | AJ |                 |      |      |       |           |             |
|                       | AK |                 |      |      |       |           |             |

| FOREIGN PATENT DOCUMENTS |    |                 |      |         |       |           |             |
|--------------------------|----|-----------------|------|---------|-------|-----------|-------------|
| EXAMINER<br>INITIAL      |    | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|                          | AL |                 |      |         |       |           | Yes<br>No   |
|                          | AM |                 |      |         |       |           | Yes<br>No   |
|                          | AN |                 |      |         |       |           | Yes<br>No   |
|                          | AO |                 |      |         |       |           | Yes<br>No   |
|                          | AP |                 |      |         |       |           | Yes<br>No   |

| OTHER (Including Author, Title, Date, Pertinent Pages, etc.) |    |    |   |
|--|----|----|---|
| FH<br>↓  | AR | 18 | International Search Report of International Application No. PCT/US99/26238, March 7, 2000.     |
|  | AS | 18 | International Search Report of International Application No. PCT/US99/26241, March 7, 2000.     |
|  | AT | 18 | International Search Report of International Application No. PCT/US99/26240, February 22, 2000. |

|   |  |
|---|--|
| EXAMINER <span style="float: right;">Dina H. [signature]</span> | DATE CONSIDERED <span style="float: right;">4/24/03</span> |
|---|--|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449  
INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
 1909.0020002/JAG/CMB

APPLICATION NO.  
 09/830,967

APPLICANT  
 Carcagno *et al.*

FILING DATE  
 May 3, 2001

GROUP  
~~To Be Assigned~~ 1647

U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|---------------------|----|-----------------|------|------|-------|-----------|-------------|
|                     | AA |                 |      |      |       |           |             |
|                     | AB |                 |      |      |       |           |             |
|                     | AC |                 |      |      |       |           |             |
|                     | AD |                 |      |      |       |           |             |
|                     | AE |                 |      |      |       |           |             |
|                     | AF |                 |      |      |       |           |             |
|                     | AG |                 |      |      |       |           |             |
|                     | AH |                 |      |      |       |           |             |
|                     | AI |                 |      |      |       |           |             |
|                     | AJ |                 |      |      |       |           |             |
|                     | AK |                 |      |      |       |           |             |

FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|---------------------|----|-----------------|------|---------|-------|-----------|-------------|
|                     | AL |                 |      |         |       |           | Yes<br>No   |
|                     | AM |                 |      |         |       |           | Yes<br>No   |
|                     | AN |                 |      |         |       |           | Yes<br>No   |
|                     | AO |                 |      |         |       |           | Yes<br>No   |
|                     | AP |                 |      |         |       |           | Yes<br>No   |

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

|    |    |    |   |
|----|----|----|---|
| Fu | AR | 19 | International Search Report of International Application No. PCT/US99/26237, February 18, 2000. |
|    | AS |    |   |
|    | AT |    |   |

EXAMINER

*Fora H. H. H.*

DATE CONSIDERED

4/24/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.